

FORM 2: RULE 315
SEPTEMBER 13, 2000
(No Water Curtains or Equivalent Control Techniques)

APPLICABLE REQUIREMENTS:

Maricopa County Rule 315 – Spray Coating Operations

ALLOWABLE EMISSIONS:

Not Applicable

OPERATIONAL LIMITATIONS AND STANDARDS:

A. The Permittee shall not use or operate any spray painting or spray coating equipment unless one of the following conditions is met:

1) Should the Permittee operate spray coating equipment outside of a building, the Permittee shall operate all spray coating equipment inside an enclosure which has at least three sides a minimum of eight feet in height and able to contain any object(s) being coated.

a) For three-sided enclosures, the Permittee shall direct the spray in a horizontal or downward pointing manner so that overspray is directed at the walls or floor of the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of the top of the enclosure.

b) For enclosures with three sides and a roof, or for complete enclosures, the Permittee shall direct the spray into the enclosure so that the overspray is directed away from any opening in the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of any open top of the enclosure.

[County Rule 315 § 301.1]

2) The Permittee shall install and operate a filtering system on any spray booth or enclosure with forced air exhaust.

a) The filtering system shall have an average overspray removal efficiency of at least 92% by weight, as certified in writing by the manufacturer, for the type of material being sprayed.

b) No gaps, sags or holes shall be present in the filters and all exhaust must be discharged into the atmosphere.

[County Rule 315 § 301.2]

B. The Permittee shall be exempt from Subsection A of this Permit Condition if the spray coating operation is one of the following:

1) Spray coating of buildings or dwellings, including appurtenances and any other ornamental objects that are not normally removed prior to coating;

- 2) Spray coating of facility equipment or structures which are fixed in a permanent location and cannot easily be moved into an enclosure or spray booth and which are not normally dismantled or moved prior to coating;
- 3) Spray coating of objects which cannot fit inside of an enclosure with internal dimensions of 10'W x 25'L x 8'H;
- 4) Enclosures and spray booths and exhausts located entirely in a completely enclosed building, providing that any vents or openings do not allow overspray to be emitted into the outside air;
or
- 5) Coating operations utilizing only hand-held aerosol cans.

[County Rule 315 § 302]

TESTING:

Not Applicable

MONITORING/RECORDKEEPING:

A. Monitoring Requirements

- 1) The Permittee shall inspect each filter installed on a spray booth or enclosure, for gaps, sags or holes once per week.
 - a) Should the Permittee observe any gaps, sags or holes in any of the filters, the Permittee shall immediately repair or replace the filter and record the name of the inspector, the location of filtering system containing the filter (if more than one spray booth), and the time and date that the filter was replaced.
 - b) If no gaps, sags or holes are observed in any of the filters, the Permittee shall record the name of the inspector, the location of the filtering system containing the filter (if more than one spray booth), and the time and date that the filter was inspected.
- 2) The Permittee shall inspect the facility for evidence of any spraying activity that occurred outside of the spray booth once per week.

B. Record Keeping Requirements

[County Rule 210 § 302.1.d]

The Permittee shall maintain on file and make available to the Control Officer upon request, a copy of the manufacturer's specifications verifying that the average overspray removal efficiency for the filter is at least 92%.

REPORTING CONDITIONS

For the purposes of the semi-annual compliance certification, the Permittee shall provide the following information:

- A. If the Permittee operates all spray coating equipment inside an enclosure without fixed air exhaust, the Permittee shall provide a statement certifying the following:

- 1) That the enclosure has at least three sides that are a minimum of eight feet in height;
 - 2) That no spraying was conducted within three feet of any open end, or within two feet of any open top of the enclosure; and
 - 3) That the spray is directed in a horizontal or downward pointing manner for three-sided enclosures, or away from any opening for complete enclosures and three-sided enclosures with roofs.
- B. If the Permittee operates all spray coating equipment with a filtering system on a spray booth or enclosure with forced air exhaust, the Permittee shall provide a statement certifying the following:
- 1) That each filter installed on a spray booth or enclosure was inspected for gaps, sags or holes once every two weeks ;
 - 2) That all filters that were observed to have gaps, sags or holes were immediately replaced; and
 - 3) Details of the make and manufacturer of each filter used as well as its overspray control efficiency.
- C. The Permittee shall provide a statement certifying that no spraying occurred outside of the paint booths. If evidence of spraying outside of the booth was found, the Permittee shall instead submit a statement detailing any corrective action taken in order to ensure that future spraying occurs inside the spray booth.

OTHER (IF APPLICABLE)

None